3Com® Megahertz®
10/100 LAN CardBus PC Card

Fast, reliable, high-performance CardBus networking technology connects your customers

3Com® **OEM**

3Com Megahertz LAN PC Cards connect your notebook customers to networks—reliably and intelligently. And they deliver the performance your customers need to stay connected and productive.

Key Benefits

Industry-leading performance. Give your customers the fastest throughput available and true 100 Mbps speeds.

Higher throughput. Increase throughput, lower CPU utilization, and speed application performance with patented Parallel Tasking® technologies.

Simultaneous send and receive. Increase throughput at 10 and 100 Mbps with full-duplex operation.

Durable connections without carrying cables. Let your customers pop out XJACK® LAN connector on the 3CXFE575CT model and simply plug in a network cable.

Intelligent software. Add intelligence to PC Cards and solve IT problems with Dynamic*Access*® technology.

Longer battery life. Extend the time between battery charges and deliver cool, reliable notebook operation with low power consumption.

Easy installation and configuration. Install PC Cards and network drivers in minutes and delivers seamless operation on 10 and 100 Mbps networks with Intelligent Auto Install and Nway 10/100 auto-negotiation.

3Com® Megahertz® 10/100 LAN CardBus PC Cards extend the reliable EtherLink® technologies users trust for desktop network access to notebook computers. And they deliver Fast Ethernet's true 100 Mbps capabilities in your notebook PCs with 32-bit CardBus slots.

Built-in Dynamic*Access*® technology adds intelligence to these PC Cards to provide smart solutions to IT problems. Dynamic*Access* technology allows network managers to prioritize network traffic for business-critical applications and reduce network and desktop congestion. And its advanced PC and network management capabilities make these the first PC Cards to bring desktop manageability to a notebook. You can even select optional Dynamic*Access* mobile connection manager to give your users one-step configuration and connectivity at multiple locations.

3Com Megahertz 10/100 LAN CardBus PC Cards deliver unmatched convenience and performance. Durable XJACK® connector delivers the easiest, most reliable network connections possible. And it saves your customers from carrying or losing extra cables. An end-to-end 3.3 volt CardBus design and low 145 mA power requirement for Fast Ethernet and less than10 mA for sleep mode dramatically reduce power consumption. And patented 3Com Parallel Tasking® and Parallel Tasking II technologies deliver higher throughput and faster application performance by streaming data across the PCI bus and overlapping processing tasks to send and receive data faster. Plus they automatically tune the PC Card to it's environment, so it's always at top performance and the load on the CPU is reduced.

LAN PC Card

Reliable network performance at 10 and 100 Mbps

Features and Benefits

32-bit CardBus architecture. Gives your customers the fastest throughput available and true 100 Mbps speeds.

Parallel Tasking® II technology. Lowers CPU utilization and speeds application performance.

Parallel Tasking technology. Delivers higher throughput and lower CPU utilization.

XJACK® LAN connector. Delivers easy, durable LAN connections and saves your customers from carrying cables with 3CXFE575CT.

Full-duplex operation at 10 and 100 Mbps. Simultaneously sends and receives data to increase throughput.

Dynamic*Access*® technology. Adds intelligence to PC Cards to solve IT problems with:

Wired for Management 2.0 (WfM 2.0) compliance. Supports WfM industry standards for remote management.

Standards-based Desktop Management Interface (DMI 2.0). Delivers information for inventory control, auditing, and remote systems monitoring.

Advanced Configuration and Power Management Interface (ACPI) compliance. Reduces power consumption and enables Remote Wake Up.

Remote Wake Up (RWU). Lowers your customers cost of ownership with remote and after-hours PC maintenance.

Managed PC Boot Agent. Provides automated setup of new PCs, decentralized software distribution, and remote troubleshooting (PXE 2.0 compliant).

Network management capabilities. Enables traffic prioritization using the IEEE 802.1p standard to send voice, video, and data transmission over the same network and Efficient Multicast Control using the IEEE 802.1p GMRP standard to improve network performance by controlling multicast flooding in switched LANs.

Optional Mobile Configuration Manager. Provides one-step configuration and connectivity at multiple locations.

Low power consumption. Extends the time between battery charges and delivers cool, reliable notebook operation.

Intelligent Auto Install. Installs the PC Card and network drivers in minutes.

Nway 10/100 auto-negotiation. Delivers seamless operation on 10 and 100 Mbps networks.

Hot swapping. Switch PC Cards without rebooting or exiting Windows.

Plug and Play for Windows 98 and 95. Provides quick and easy installation in popular operating systems.

Specifications

LAN Speeds
10 and 100 Mbps

Notebook Slot Type
32-bit CardBus

Network Cable Type
100BASE-TX (RJ-45)
10BASE -T (RJ-45 only)

Connector Type
3CXFE575CT: XJACK connector
3CCFE575CT: cable connector

Connectors and Cables
3CXFE575CT: 6' LAN extension cable with RJ-45 male connector at each end

3CXFE575CT: 6" cable with shielded RJ-45 female connector for 10BASE-T and 100BASE-TX Category 5 UTP on two pairs up to 328 ft (100 m) (half or full duplex)

Software Drivers
Novell NetWare 4.x client
DOS ODI (16-bit client)
NDIS 2.01 for DOS 5.0 or later
LAN Manager
LAN Server
Banyan VINES
LANtastic
Windows for Workgroups 3.11
NDIS 3.1 for Windows 95
Windows NT 3.5.1 (with Service Pack 5)
NDIS 4.0 for Windows 98 and 95 OSR2 (version 4.00.950.B)
Windows NT 4.0 (with Service Pack or later)
Diagnositcs software for Windows and DOS

Hardware
Type II 32-bit CardBus PC Card

LEDs
Two: one indicates 10BASE-T link integrity, the other 100BASE-TX link integrity

Power Consumption
With supply voltage of 3.3V +/- 10%
10BASE-T: 115 mA typical
100BASE-TX: 145 mA typical

Safety and Electromagnetic Conformance
FCC Part 15, Subpart B Class B
VCCI Class 2
C-tick
CE
cULus 1950, 3rd edition

Standards Conformance
IEEE 802.3 (10BASE-T)
IEEE 802.3u (100BASE-TX)

Physical Dimensions
Length: 3.37 in (85.6 mm)
Width: 2.23 in (54.0 mm)
Thickness: 0.20 in (50.0 mm)

Environmental Operating Ranges
Temperature: 32 to 131°F (0 to 55°C)

Relative Humidity: 10 to 90% noncondensing

Year 2000 Compliance
3Com warrants that this product will continue performing properly with regard to date-sensitive data after January 1, 2000, provided that all other products used in connection or combination with this product, including hardware, software, and firmware, accurately exchange date-sensitive data with this product. See www.3com.com/products/yr2000.html for more information.

Ordering Information

Megahertz 10/100 LAN CardBus PC Card

10/100BASE-TX, XJACK connector, RJ-45

Single PC Card	3CXFE575CT-V
100-pack	3CXFE575CT-100-V

10/100BASE-TX, cable connector, RJ-45

Single PC Card	3CCFE575CT-V
100-pack	3CCFE575CT-100-V

YEAR 2000 COMPLIANT
isit: http://www.3Com.com/products/Yr2000.html

Parallel Tasking®
PERFORMANCE

Dynamic*Access*®
technology

To learn more about 3Com products and services, visit our World Wide Web site at www.3com.com/. 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

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